

POLBIECKI, M.

New method of mechanical cultivation of sugar beets, p. 5. (ROCZNIKI NAUK ROLNICZYCH, Warszawa, Vol. 65, no. 4, 1953)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955,  
Uncl.

ROLCIK, L.

ROLCIK, L. MUDr.

Veneréal diseases and alcohol, Prakt. lek., Praha 34 no.15-16:

381 5 Aug 54.

(ALCOHOLISM

\*relation to venereal dis.)

(VENERAL DISEASES

\*off. of alcoholism on)

VASIL'YEVA, A.N.; GAMAYUNOVA, A.P.; GOLOSKOKOV, V.P., kand. biol.  
nauk; ORAZOVA, A.; ROLDUGIN, I.I.; SEMIOTROCHEVA, N.L.;  
FISYUN, V.V.; MENZHULINA, N.A., red. ; ALFEROVA, P.F.,  
tekhn. red.

[Illustrated guide to plants of the family Leguminosae of  
Kazakhstan] Illiustrirovannyi opredelitel' rastenii semeistva  
bobovykh Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi  
SSR, 1962. 357 p. (MIRA 15:6)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut botaniki.  
(Kazakhstan—Leguminosae)

ROLDUGIN, I.I.

Vegetation and its effect on the renewal of Tien Shan spruce in  
the eastern part of the Kungei Ala-Tau. Izv.AN Dazakh.SSR.Ser.  
bot.i pochv. no.3:72-88 '58. (MIRA 13:5)  
(Kungei Ala-Tau--Spruce)

BAYTENOV, M.S.; VASIL'YEVA, A.N.; GAMAYUNOVA, A.P.; GOLOSKOKOV, V.P.;  
ORAZOVA, A.; ROLDUGIN, I.I.; SEMIOTROCHEVA, N.L.; FISYUN, V.V.;  
TEREKHOVA, V.I.; PAVLOV, N.V., akademik, glav. red.; BYKOV, B.A.,  
red.; GOLOSKOKOV, V.P., kand. biolog. nauk, red.; KUBANSKAYA, Z.V.,  
kand. biolog. nauk, red.; SUVOROVA, R.I., red.; ALFEROVA, P.F.,  
tekhn. red.

[Flora of Kazakhstan] Flora Kazakhstana. Glav. red. N.V.Pavlov i  
dr. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. Vol.5. 1961.  
(MIRA 14:10)  
512 p.

1. AN Kazakhskoy SSR (for Pavlov). 2. Chlen-korrespondent AN Ka-  
zakhskoy SSR (for Bykov).  
(Kazakhstan—Leguminosae)

ROLDUGIN, I.I.

Sate of forests and their protection in the northeastern  
Dzhungarian Alatau. Izv. AN Kazakh. SSR. Ser. biol. nauk  
3 no.5:46-55 S-0 '65. (MIRA 18:11)

L 07936-67

ACC NR: AP6027626

(A)

SOURCE CODE: UR/0145/66/000/006/0077/0080

AUTHOR: Roldugin, N. I. (Engineer)

ORG: None

TITLE: Determining the average indices of compression and expansion polytropes

SOURCE: IVUZ. Mashinostroyeniye, no. 6, 1966, 77-80

TOPIC TAGS: polytropic process, combustion pressure effect, expanding gas

ABSTRACT: Several methods for calculating the polytropic indices of compression and expansion are evaluated and equations are given for calculating these indices by a simpler and more accurate method. The method is based on Professor Ye. K. Mazing's procedure of plotting a pressure-volume diagram and using the resultant data for finding the polytropic indices. The method was used for calculating the polytropic indices of expansion and compression for the D-37M, D-37Ye6 and D-54 engines under nominal operating conditions and for the D-37Ye engine under starting conditions. The article was presented for publication by Candidate of technical sciences A. I. Barkovskiy, Lecturer at the Voronezh Agricultural Institute. Orig. art. has: 1 figure, 17 formulas.

SUB CODE: 13/ SUBM DATE: 10Jun65

JMC: 621 b3

Card 1/1 ACK

ROLDUGINA, N.P.

Histological studies of the pigmentation of hair in the  
Karakul lamb. Agrobiologiiia no.4:549-556 Jl-Ag '65.  
(MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut  
karakulevodstva, g. Samarkand.

ROL'E, Z.Yu., prof. zasluzhennyy deyatel nauki

Problem of the curability of osteoarticular tuberculosis. Probl.  
tub. 38 no.6:28-31 '60. (MIRA 13:11)  
(BONES-TUBERCULOSIS)

MURESAN, L., chim.; TALIS, F., ing.; ROLEA, M.

Research to establish the method of fibrous raw material sampling for moisture determination in the pulp and paper industry. Cel hirtie 12 no.7:235-244 Jl '63.

POLEK, S.

Using Dermakolor dye for finishing chrome leather for shoe uppers, p. 1. Biuletyn Lab.  
(PFZEGLAD SKOPZANY, Lodz, Vol. 8, no. 12, Dec. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955,  
Uncl.

FOLIANT, S.

Activities of Clubs of Rationalization and Technique in the footwear industry,  
p. 307. (PPZEGGLAD SKORZANY, Lodz, Vol. 8, no. 12, Dec. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955,  
Uncl.

ROLEDEF, S.

Properties of leather, p. 309. (PRZEGLAD SKORZANY, Lodz, Vol. 8, no. 12, Dec. 1953.)  
SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3, Jan. 1955,  
Uncl.

ROLEDEF, W.

Production of materials to replace leather, p. 12. (PRZEGLAD SKORZANY, Lodz, Vol. 9, no. 1, Jan. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol 4, No. 3, Jan. 1955,  
Uncl.

ROLEK, M.

The standardization of slag. p. 390. DZIENNIK URZEDOWY.

Wiadomosci

Warszawa

Vol 22, no 7, 1955

Source: East European Accessions List (EEAL), LC, Vol 5, no3, March 1956

ROLEK, M.

A technical and economic analysis of the production and application of slag cement.  
p. 213.  
(Cement, Wapno, Gips, Krakow, Vol. 12, no. 10, Oct. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

ROLEK, M.

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(2)

3035

Riesz IL, Rolek M., Roszak W. Plastic Slag Cement.  
"Cement żużlowy plastyczny", Materiały Budowlane, No 6, 1954,  
pp. 146-150, 2 figs., 9 tabs.

Production of plastic slag cement is based on using the largest  
possible quantity of blast-furnace slag and on employing the simplest  
technological processes. Laboratory experiments have produced results  
qualifying the new bonding material as likely to yield considerable  
economical and technological benefits. This applies to, among others,  
coal consumption, power consumption, and investment costs lower than  
is the case with Portland cement and blast furnace cement.

POL

ROLEK, M

"Proper exploitation of slag in building." Materiały Budow and, Warszawa, Vol 9  
No 1, Jan 1954, p. 8

SO: Eastern European Accessions List, Vol 3, No 11, Nove 1954, L.C.

ROLEK, Mieczyslaw

Porous fillers as raw materials for light concrete. Henryk Ricss and Mieczyslaw Rolek. *Cement-Wapno-Gips* 11(20), 241-4(1955).—R. and R. found that bulk d. and porosity of blast-furnace slags enable one to characterize light concrete. The porosity of the slags is due to the evolution of gases and vapors during the metallurgical processes. The pores which are formed are either easily or difficultly reached by water when it is admixed to the cement mixt. Investigations are being continued. P. J. Hendel

(1)

*Kobayashi 10/10/1960*

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✓ Plastic blast-furnace cement. Henryk Rieß and Mieczysław Rolek. *Cement-Wapno-Gips* 10(19), 253-9 (1954).  
Blast-furnace cements (I) were activated by grinding them together either with portland cement or lime or lime and  $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$ . The ratio  $(\text{CaO} + \text{MgO})/(\text{SiO}_2 + \text{Al}_2\text{O}_3)$  in I was 1.03 and the activity index  $(\text{CaO} + \text{CaS} + \frac{1}{2}\text{MgO} + \text{Al}_2\text{O}_3)/(\text{SiO}_2 + \text{MnO})$  was 1.08. When portland cement was added to I in a ratio 3:7 and ground to a sp. surface 4650 sq. cm./g. (detd. by Blaine's method), compressive strength measured after 28 days was the highest (379 kg./sq. cm.), provided, however, that the mixt. was stored not more than 24 hrs. When the same mixt. was stored for 3 days, the compressive strength was only 275 kg./sq. cm. When lime 10 and  $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$  5% were added to I, the compressive strength, measured after 28 days, was approx. 160 kg./sq. cm. Both mixts. and especially the latter one set and increased strength much slower than portland cements. NaCl, 1-2%, was added in order to shorten the setting time. Frank J. Hendel.

ROLENC, Rudolf

Responsibility and discipline, before everything. Zel dop tech  
12 no.8:209 '64.

1. Stationmaster at Uhersky Brod Station.

DANILOVA, V.I.; ROLENKO, I.P.

Study of the absorption spectra of nitrocarboxyl-containing compounds of the aromatic series. Part 2. Izv. vys. ucheb. zav.; fiz., no. 3:29-34 '64. (MIRA 17:9)

1. Sibirskiy fiziko-tehnicheskiy institut pri Tomskom gosudarstvennom universitete imeni Kuybysheva.

KRYAZHEV, Yu.G.; ROGOVIN, Z.A.; Prinimal uchastiye ROLEV, M.Ye.

Synthesis of block copolymers of 2-methyl-5-vinylpyridine.  
Vysokom. soed. 6 no.4:672-676 Ap '64. (MIRA 17:6)

l. Moskovskiy tekstil'nyy institut.

ROLEVICH, S.

Isomorphism and approximate dimensionality of spaces of  
holomorphic functions. Dokl.AN SSSR 133 no.1:31-33  
J1 '60. (MIRA 13:7)  
(Functions of complete variables)

MITIAGIN, B.; ROLEWICZ, S.; ZEIAZKO, W.

Entire functions in  $B_\sigma$ -algebras. Studia math 21 no.3:291-306 '62.

1. Moscow State University of Lomonosov, Moscow, and Mathematical Institute, Polish Academy of Sciences, Warsaw.

BESSAGA, C.; PEŁCZYŃSKI, A.; ROJEWICZ, S.

On diametral approximative dimension and linear homogeneity of  
F-spaces. Bul Ac Pol Mat 9 no.9:677-683 '61.

1. Institute of Mathematics, Polish Academy of Sciences. Presented  
by S. Mazur.

ROLEWICZ, S.

On Cauchy-Hadamard formula for Köthe power spaces. Bul Ac Pol  
mat 10 no.4:211-216 '62.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.  
Presented by S.Mazur.

ROLEWICZ, S.; ZELAZKO, W. (Warszawa)

Impressions from a stay in the Soviet Union. Rocznik matem 6  
no.1:59-64 '62.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445210005-9

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445210005-9"

ROLEWICZ, S.

Some remarks on the spaces  $N(L)$  and  $N(1)$ . In English. p. 1.

STUDIA MATHEMATICA. (Polska Akademia Nauk) Warszawa, Poland. Vol. 18, no. 1,  
1959.

Monthly List of East European Accessions (EEAI) Vol. 9, no. 1, Jan. 1960.

Uncl.

ROLEWICZ, S.

On inversion of nonlinear transformations. In English. p. 79.

STUDIA MATHEMATICA. (Polsk Akademia Nauk) Warszawa, Poland. Vol. 17, no. 1, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Unc1.

PRZEWORSKA-ROLEWICZ, D.; ROLEWICZ, S.

On operators with a finite d-characteristic. Stud math 24 no.  
3:257-270 '64

1. Mathematical Institute, Polish Academy of Sciences, Warsaw.

ROLEWICZ, S.

Entire functions in  $B_*$ -algebras containing dense division  
algebras. Studia math 23 no.2:181-187 '63.

I. Mathematical Institute, Polish Academy of Sciences, Warsaw.

ROLEWICZ, S. (Warszawa)

Errata to my paper "On Spaces of Holomorphic Functions." Studia  
math 22 no.3:369-370 '63.

ROLEWICZ, S.

Example of semi simple m-convex  $B_o$ -algebra, which is not a projective limit of semi simple  $B$ -algebras. Bul. Ac. Pol. mat. 11 no.7:459-462 '63.

1. Institute of Mathematics, Polish Academy of Sciences,  
Warsaw. Presented by S. Mazur.

BOSSAGE, C.; ROLEWICZ, S.

On bounded sets in F-spaces. Colloquium mathem 9 no. 1:89-91 '62.

1. Mathematical Institute, Polish Academy of Sciences, Warsaw.

ROLEWICZ, S. (Warsaw)

On a generalization of the Dvoretzky-Rogers theorem. Col math 8 no.1:  
103-106 '61. (EEAI 10:5)

(Convergence) (Spaces, Generalized) (Series)

ROJEMICZ, S. (Gdansk)

Some remarks on monotonic groups. Col. math. 13 no.1127-28 1964.

1. Institute of Mathematics of the Polish Academy of Sciences,  
Submitted September 12, 1963.

L 56471-65 EWT(d)/EPF(n)-2/EWP(v)/EWP(k)/EWP(h)/EWP(l) Po-4/Pq-4/Pf-4/  
Pg-4/Pu-4/Pk-4/P1-4 IJP(c) WW/BC

ACCESSION NR: AP5009390

S/0208/65/005/002/0242/0251  
518:51:62-50

AUTHOR: Malarovski, K. (Warsaw); Rolevich, S. (Warsaw)

TITLE: Use of functional analysis to determine the response-optimal control for linear multidimensional systems

SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 5, no. 2, 1965, 242-251.

TOPIC TAGS: optimal control theory, functional analysis, differential equation

ABSTRACT: Given the differential equation  $\dot{x}(t) = F(t)x(t) + G(t)u(t)$ , where  $F$  and  $G$  are matrices of dimension  $n \times n$  and  $n \times m$  respectively,  $x$  and  $u$  are vectors of dimensions  $n$  and  $m$ . The elements of the matrices and vectors are functions of time. In  $m$ -space  $E$  we are given a convex and closed set  $U(t)$  which need not be symmetric and need not contain a null element of space  $E$ . The set  $U(t)$ , the domain of controls, may be a function of parameter  $t$ . A permissible control is a measurable and almost everywhere bounded vector function  $u$  defined on  $[t_0, t_1]$  if  $u(t) \in U(t)$  for almost all  $t \in [t_0, t_1]$ . If  $x^0$  is the state of the system for initial  $t_0$ , an optimal control

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L 56471-65  
ACCESSION NR: AP5009390

in speed of action is a permissible control which carries the system from its initial state into a final state  $x^1$  in a minimal time  $t_1 - t_0$ . The principle of the maximum is rejected as a method of solution because initial conditions for the auxiliary contingent control remain unknown. By using properties of linear functionals one may deal with the case where  $U(t)$  is symmetrical with respect to the null element of  $E$ . A method is given for determining the optimal control in the more general case for  $U(t)$  as given above. "The authors are grateful to K. Makovskiy for translating this work into Russian and for aid given in preparing it for the press." Orig. art. has: 33 formulas, 5 figures.

ASSOCIATION: none

SUBMITTED: 15Oct64

ENCL: 00

SUB CODE: MA, IE

NO REF SOV: 003

OTHER: 007

*bat*  
Card 2/2

PRZEWORSKA-ROLEWICZ, J.; ROLEWICZ, S.

On operators preserving a conjugate space. Studia math 25 no.2:  
245-249 '65.

1. Institute of Mathematics of the Polish Academy of Sciences, Warsaw.  
Submitted May 18, 1964.

ZABLOCKI, Bernard; ROLICKA, Maria; KOKOCINSKA, Irena

Comparative studies on synthesis of coagulase in free state and of  
coagulase bound by staphylococci. Med. dosw. mikrob. 9 no.4:331-338  
1957.

1. Z Zakladu Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego. Kierownik:  
prof. B. Zablocki.

(MICROCOCCUS PYGENES,  
coagulase, synthesis in bound & free states (Pol))

SZYDŁOWSKI, S.; ROLICKA, M.; ZABLOCKI, B.

Preparation of purified preparations of hyaluronic acid for titration  
of hyaluronidase. Acta microb. polon. 6 no.3:211-218 1957.

1. Z Katedry Mikrobiologii Szczegolowej Uniwersytetu Łódzkiego w Łodzi.  
(HYALURONIC ACID, preparation of,  
purified prep. for titration of hyaluronidase (Pol))  
(HYALURONIDASE, determination,  
titration with purified hyaluronic acid (Pol))

Country	:	POLAND	F
Category	:	Microbiology - Physiology and biochemistry	
Abs. Jour.	:	Ref Zhur - Biol., no.19, 1953, 85966	
Author	:	Zablocki, B.; Roliczka, M.; Kokocińska, I.	
Institut.	:	-	
Title	:	Comparative Studies of the Secretion by Staphylococci of Free and Combined Coagulases	
Orig. Pub.	:	Med. Doswiad. i Mikrobiol., 1957, Vol.9, No.4, 331-338	
Abstract	:	Studies were made of 200 strains of staphylococci isolated from patients. It was shown that the pathogenic staphylococci form, simultaneously, both free and combined coagulase. For determination of the pathogenicity of staphylococci by their formation of combined coagulase, it is suggested that the microscopic slide method be used. From the authors' summary.	
Card:	1/1		

*ROLICKA, M.*

*Met*

✓ 716. Influence of lipoid-polysaccharide-protein complex on the susceptibility of staphylococci to penicillin. B. Zablocki and M. Rolicka. *Acta microbiol. polon.*, 1955, 4, 167-175 (Z Zakladu Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego w Lodz).—The lipoid-polysaccharide-protein complexes isolated from 4 species of Gram-negative bacteria influenced in varying degrees the sensitivity to penicillin of 20 tested strains of *Staphylococcus aureus*. In the presence of the complexes tested strains were distinctly less sensitive. The most marked action was obtained with complexes from *Escherichia coli* and *Shigella sonnei*. The protective influences of the complexes was proportional to their concn. The protective value of complexes from *Salmonella paratyphi B* and *Proteus vulgaris* was rather small. It is suggested that the insusceptibility of Gram-negative bacteria is possibly connected with the presence in their cells of the lipoid-polysaccharide-protein complexes. (In Polish with English and Russian summaries.) B. VINAY.

*Z*

Rolicka, M.

The influence of lipido-polysaccharide-protein symplexes on the penicillin sensitivity of staphylococci. B. Zablocki and M. Rolicka (Univ. Łódź, Poland). *Bull. acad. polon. sci., Classe II*, 3, 253-6 (1955).—Lipido-polysaccharide-protein symplexes were isolated from *Escherichia coli*, *Shigella sonnei*, *Salmonella schottmuelleri*, and *Proteus vulgaris* (method of Zablocki and Morzycki, *Med. Doswiadczalna i Spoleczna* 19, No. 3-4 (1935)). Concentrations of 0.02-0.2% of the symplexes were added to *Micrococcus pyogenes* var. *aureus* suspensions and the bacteriostatic dose of penicillin was detd. The symplexes imparted to *M. pyogenes* var. *aureus* a marked protective effect against penicillin. The protective property increased as the concn. of the symplex increased. The protective effect was demonstrated for 20 strains of *M. pyogenes* var. *aureus*. The symplex from *E. coli* was twice as effective as that from *S. sonnei*. Symplexes from *S. schottmuelleri* and *P. vulgaris* were much less effective. Different strains varied considerably in the degree of resistance against penicillin conferred by the symplexes. Results support the theory of natural refractivity of gram-neg. bacteria to penicillin.

Helen G. Koritz

ZABLOCKI, B.; ROLICKA, M.

Increase of hyaluronidase production by addition of hyaluronidase substrates to culture media of hemolytic *Staphylococcus aureus*.  
Med. dosw. mikrob., Warsz. 4 no. 3:329-330 1952. (CIML 23:3)

1. Summary of work progress presented at 11th Congress of Polish Microbiologists held in Krakow May 1951. 2. Lods.

ROLEK, M.; RIESS, H.

Porous aggregate as the raw material for light concrete. p. 241

CEMENT, WAPNO, GIPS. (*Wydawnictwo "Budownictwo i Architektura"*) Krakow,  
Poland, Vol. 11, no. 11, Nov. 1955

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

RULICKA, M.; ZABROCKI, B.

The influence of lipide-polysaccharide-protein simplexes on the penicillin sensitivity of staphylococci. p. 253

WILGOT, Warszawa

Vol. 3, no. 7, 1955. In English

See East European Acquisitions List Vol. 5, No. 9 September 1955

POLAND

Maria ROLICKA, Chair of Specific Microbiology, University of Lodz  
(Katedra Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego), Head  
(Kierownik) Prof Dr B. ZABLOCKI, Lodz.

"Mode of Action of Penicillin."

Warsaw, Postępy Higieny i Medycyny Doswiadczonej, Vol 15, No 3,  
Sep-Oct 1967; pp 735-743.

Abstract: Study of spheroplast formation in a strain of *Escherichia coli* under the influence of lysozyme or penicillin or both. With lysozyme, maximal conversion to spheroplasts was at relatively low levels but increased in the presence of a metal chelating agent and alternate freezing and thawing; process was one or at most two-stage. Penicillin effect was different; there was summation or synergism of effect; it would seem that both substances affect some mucoid complexes of the cell wall. Two tables, 3 microphotographs, 9 Western and 1 Polish reference.

SZYDŁOWSKI, S.; GORZELAK, Z.; GOSCICKI, J.; ROLICKA, M.

Studies on bactericidal properties on newly synthetized compounds  
from the group of aromatic chloramines. Med. dosw. mikrob. 5 no.3:  
310-311 1953.  
(CIML 25:5)

1. Łódź.

ZABLOCKI, B.; ROLICKA, M.

Effect of lipid-polysaccharide-protein simplexes on sensitivity  
of Staphylococcus to penicillin. Acta microb. polon. 4 no.3:167-  
175 1955.

1. Z Zakladu Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego  
w Lodzzi.

(PENICILLIN, effects,

on Micrococcus pyogenes, eff. of lipid-polysaccharide-  
protein extracts from various bact.)

(MICROCOCCUS PYOGENES, effect of drugs on,  
penicillin, eff. of lipid-polysaccharide-protein  
extracts from various bact.)

(BACTERIA,

lipid-polysaccharide-protein extracts, eff. on  
Micrococcus reactivity to penicillin)

(LIPIDS,

lipid-polysaccharide-protein extracts, from various bact.,  
eff. on Micrococcus reactivity to penicillin)

(POLYSACCHARIDES,

lipid proteins-polysaccharide extracts from various bact.,  
eff. on Micrococcus reactivity to penicillin)

(PROTEINS,

lipid-protein-polysaccharide extracts from various bact.,  
eff. on Micrococcus reactivity to penicillin)

ROLICH, T.P.

ROLICH, T.P.

Functional state of salivary distribution center in dogs following  
decerebration. Izv. Akad. nauk SSSR. Ser. biol. Moskva, No.3:120-128  
May-June 50. (CLML 19:4)

1. Department of Physiology, Scientific-Research Institute of  
Nutrition of the Armed Forces USSR.

KOLICH, P.P.

Chem Abstr V46

1-25-54

Pathology

Characterization test of epileptiform state phases by means of the transhemation reaction. L. A. Blyumenfeld, A. O. Dolin, S. E. Krasovitskaya, T. P. Kolich, and A. M. Churnyi (Ministry Health, Moscow). *Doklady Akad. Nauk S.S.R.* 92, 180-91 (1953).—The rate of the transhemation reaction reflects the phases of the epileptic state. Preconvulsion state reduces the rate of transhemation, a change that becomes evident immediately upon introduction of camphor. The retardation is then replaced with a constantly increasing rate of transhemation. If the convulsions are feeble, the latter phase is not apparent. The postconvulsive state is characterized by gradual retardation of transhemation. The expts. were run on rabbits, and the transhemation reaction was run as described earlier. (C.A. 46, 7637). G. M. Kosolapoff

(6)

Central Sci. Res. Inst. Training Physicians,

ROLICKA, Maria

The mechanism of action of penicillin. On spheroplasts of Escherichia coli obtained with the aid of penicillin and lysozyme. Postepy hig. med. dosw. 16 no.5:735-743 '62.

l. Z Katedry Mikrobiologii Szczegolowej Uniwersytetu Łódzkiego.  
Kierownik: prof. dr B. Zablocki.  
(ESCHERICHIA COLI) (PENICILLIN) (MURAMIDASE)

ROLICKA, Maria

The mechanism of action of penicillin. Postepy hig. i med. dosw.  
15 no.1:93-108 '61.

1. Z Zakladu Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego  
Kierownik: prof. dr B.Zablocki.  
(PENICILLIN pharmacol)

ROLIK, A.I., KOSHVANETS, A.Ye.; YAKOVLEV, A.I.

Study of the operation of axial fans in the cooling system of  
high-speed PS motors. Energ. i elektrotekh. prom. no.3:38-42  
Jl-S '63. (MIRA 16:10)

1. Khar'kovskiy aviationsionnyy institut.

ROLIK, Aleksandr Ivanovich; YAKOVLEV, Simeonov, Ilya, with

Additional losses in asynchronous short-circuited motors. Izv.  
vys. ucheb. zav.; elektromekh. 6 no.9:1050-1061 '63.

(MIRA 16:12)

1. Rukovoditel' sektora laboratorii promyshlennoy aerodinamiki  
pri Khar'kovskom aviationsnom institute (for Rolik). 2. Vedushchiy  
inzhener laboratorii promyshlennoy aerodinamiki pri Khar'kovskom  
aviationsnom institute (for Yakovlev).

ROLIK, A.I., inzh.; YAKOVLEV, A.I., inzh.

Comparative study of the independent cooling of P-series machines  
realized by axial and centrifugal "naezdnik" type fans. Energ. i  
elektrctekh. prom. no.3:23-26 Jl-S '64.

(MIRA 17:11)

ROLIK, A.I.; KONDRAT'YEV, V.F.

Determination of the magnitude of compressed air leakage in  
industrial pneumatic networks. Energ. i elektrotekh. prom.  
no.1:64-68 '62. (MIRA 15:6)  
(Compressed air) (Pneumatic tools)

ROLIK, Aleksandr Ivanovich; YAKOVLEV, Aleksandr Ivanovich

Calculation of air flow distribution in enclosed machines with  
medium power ratings and axial cooling systems. Izv.vys.ucheb.  
zav.; elekromekh. 7 no.10:1291-1293 '64.

(MIRA 18:1)

1. Rukovoditel' sektora laboratorii promyshlennoy aerodinamiki  
pri Khar'kovskom aviationsnom institute (for Rolik). 2. Vedushchiy  
inzh. laboratorii promyshlennoy aerodinamiki pri Khar'kovskom  
aviationsnom institute (for Yakovlev).

KOLIK, A.I., inzh.; STALYAROV, B.I., inzh.; YAKOVLEV, A.I., inzh.

Comparative study of axial and centrifugal fans in the cooling system of high-speed d.c. motors. Energ. i elekrotekh. prom. no.3:27-29 Jl-S '64. (MIRA 17:11)

use of the RKS-25 apparatus in resections of the cardia and  
gastrectomies in cancer. Vop. onk. 11 no.6:15-17 '65. (MIRA 18:8)

I. 13-leto onkologicheskogo otdeleniya (zav. - prof. N.D.Gerin)  
Gosudarstvennogo onkologicheskogo instituta imeni Gartseva (dir. -  
prof. A.H.Novikov) Ministerstva zdravookhraneniya RSFSR.

BOLIK, L.F., Cand Med Sci -- (diss) "Surgical treatment of patients with benign tumors and cysts of the mediastinum. (Clinical study)." Mos, 1958, 16 pp (First "os Order of Lenin Med Inst im I.M. Sechenov) 200 copies (KL, 23-58, 112)

- 188 -

ROLIK, L.K.

Clinical picture and surgical treatment of benign tumors and cysts of the mediastinum. Khirurgia 34 no.3:32-38 Mr '58. (MIRA 12:1)

1. Iz "ospital'noy khirurgicheskoy kliniki (dir. - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki prof. B.V. Petrovskiy) I Moskovskogo, ordenn Lenina meditsinskogo instituta im. I.M. Sechenova.

(MEDIASTINUM, neoplasms

clin. manifest. & ther. (Rus))

ROLIK, I. K. (Moskva)

Surgical treatment of coelomic pericardial cysts. *Klin.med.*  
37 no.4:111-120 Ap '59. (MIRA 12:6)

1. Iz kafedry gospital'noy khirurgii (zav. - deystvitel'nyy chlen AMN SSSR, zasluzhennyy deyatel' nauki prof.B.V.Petrov-skiy) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(PERICARDIUM, cysts  
coelomic, surg. (Rus))

ROLIK, L.K. (Moscow)

Diagnosis of benign tumors and cysts of the mediastinum. Klin.med.  
36 no.4:58-66 Ap'58 (MIRA 11:5)

1. Iz gospital'noy khirurgicheskoy kliniki (dir. - deystvitel'nyy  
chlen AMN SSSR prof. B.V. Petrovskiy) I Moskovskogo ordena Lenina  
meditsinskogo instituta imeni I.M. Sechenova.  
(MEDIASTINUM, neoplasms  
benign tumors & cysts, diag. (Rus))

ROLIK, L.K. (Moskva, K-6, Kalyayevskaya ul., d.23, kv.37)

Vascular tumors of the mediastinum [with summary in English]. Vop. onk. 2 no.5:592-597 '56. (MLRA 10:2)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - chlen-korrespondent AMN SSSR prof. B.V.Petrovskiy) 2-go Moskovskogo meditsinskogo instituta im. I.V.Stalina.

(MEDIASTINUM, neoplasms  
vasc. angioma)

(ANGIOMA, case reports  
mediastinum)

ROLIK, L.K. (Moskva, K-6, ul.Kalyayevskaya, d.23,kv.37)

Some problems in the clinical aspects and surgical treatment of  
teratoid formations in the mediastinum. Nov. khir. srkh. no.1:  
32-39 Ja-F '60. (MLR 15:2)

1. Kafedra gospital'noy khirurgii (zav. - deystvitel'nyy chlen  
AMN SSSR zasluzhennyy deyatel' nauki prof. B.V.Petrovskiy) 1-go  
Moskovskogo meditsinskogo instituta.  
(MEDIASTINUM...TUMORS)

ROLIK, L.K. (Moskva, B-292, 2-ya Cherezhevinskaya ul., kvartal  
3-2, korp. Zh., kv.11)

Cystic lymphangioma of the mediastinum. Vop. onk. 8 no. 10:  
73-78 '62. (MIRA 17:7)

1. Iz otsteleniya torakal'noy khirurgii (zav. - dr.med.nauk  
N.Y.Garin) Gosudarstvennogo onkologicheskogo instituta imeni  
P.A.Gertsena (direktor - prof. A.N.Novikov), Moskva.

GARIN, N.D.; ROLIK, L.K.

Acute gastrectasis in tumor patients following operation  
for cancer. Vop. onk. 10 no.2:34-40 '64. (MLR 17:7)

1. Iz Nauchno-issledovatel'skogo gosudarstvennogo onkologicheskogo  
instituta imeni P.A. Gertsena (dir. - prof. A.N. Novikov) Ministerstva  
zdravookhraneniya RSFSR. Adres avtorov: Moskva, D-284, 2-y Botkinskiy  
prospekt, 3, Gosudarstvennyy onkologicheskiy institut imeni Gertsena.

KWONPEL<sup>6</sup>, M.B.; ROLIK, R.G. [Rolyk, R.H.]

Use of No.64 nylon yarn produced with the simplified method in the  
manufacture of socks. Lek.prom. no.2354-56 57-Ja '65.

(MIRA 18:10)

SHUL'IN, P. I.

32572. SHUL'INSKIY, S. O. i Rolik, R. I. Vliyanie Mineral'nykh Udogreniy Na Zhiznesposobnost' i Razmery Pyli'tsy. Doklady Akad. Nauk SSSR, Ncvaya Seraiya, t. LVIII, no. 6, 1949, s. 1109-12

SC: Letopis' Zhurnal'nykh Statey, Vol 44 , Moskva, 1949

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445210005-9

GREBINSKIY, S.O.; ROLIK, R.P.

Effect of mineral impurities on the vitality and size of pollen grains.  
C.R. Acad. Sci. U.R.S.S., 149, 68, 1109-1112. (MLRA 2:10)  
(BA - A III Mr '53:37)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445210005-9"

ROLIK, R.F.

"The Influence of Mineral Fertilizers upon the Viability and Size of Pollens,"

Dok. An, 63, No. 6, 1949.

Mbr., Lvov State Univ. im. I. Franko, -c1949-.

Rolin, N.

107-9-49/53

AUTHOR: Rolin, N., Yurga

TITLE: The Yurga TV Relay Station (Yurginskaya retranslyatsionnaya televizionnaya ustanovka)

PERIODICAL: Radio, 1957, # 9, p 63 (USSR)

ABSTRACT: This article deals with the installation of a relay station for the direct reception of the Tomsk TV-programs at Yurga. This relay station was designed, with slight modifications, according to the diagram published in "Radio" # 6, 1956. The TV broadcasts are satisfactory, the clearness is 250-300 lines. Transmissions of the Novosibirsk TV-programs also will be relayed in Yurga in the near future.

The article contains 1 figure and 1 Russian reference.

AVAILABLE: Library of Congress

Card 1/1

107-57-4-29/54

AUTHOR: Rolin, N. (Yurga, Kemerovo Oblast)

TITLE: TV Interference (Pomekhi priyemu televideniya)

PERIODICAL: Radio, 1957, Nr 4, p 36 (USSR)

ABSTRACT: During TV reception in the town of Yurga, 90 km from the Tomsk Telecast Center, strong interference was observed on the screen in the form of black stripes which moved up and down the screen. The stripes were accompanied by a strong 50 cps background noise which jammed the picture sound. By consecutive cutting of sections of the electric lighting system, it was found that the source of the above disturbance was in a 40-watt 220-volt electric lamp. Further investigation revealed that the disturbance was due to the zigzag filament of the lamp but never arose from any coiled-filament lamp. A metal ring slipped over the bulb eliminated the trouble.

There is one figure

Card 1/1

ROLINK, K.

"Planning the Development and Specialization of Heavy-Machinery Factories." p. 137  
(Strojirenstv, Vol. 3, no. 2, Feb. 1953, Praha)

SC: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,  
Feb. 1954, Uncl.

ROLINEK, K.

Economic cooperation of socialist countries in machinery industries. P 491

STROJIRENSTVI (Ministerstvo tezkeho strojirenstvi, Ministerstvo vscobecnebo  
strojirenstvi) Praha, Czechoslovakia Vol. 9, no. 7 July 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 9, no. 2,  
Feb. 1960

Uncl.

ROLIN, N. (g.Yurga)

Yurga television relay installation. Radio no.9:63 S '57.  
(MIRA 10:10)  
( Yurga--Television--Transmitters and transmission)

EMP(w) IJP(c) WH/EM  
ACC NR: AT6633635

SOURCE CODE: PO/2532/66/000/026/0007/0020

25  
24

AUTHOR: Rolinski, Jerzy (Master of engineering)

ORG: Institute of Aviation, Warsaw (Instytut Lotnictwa)

TITLE: Problems of dynamic stability of shafts loaded with periodic torque and constant axial force

SOURCE: Warsaw. Instytut Lotnictwa. Prace, no. 26, 1966, 7-20

TOPIC TAGS: shaft, perturbation method, Green function, shaft dynamic stability, shaft torsional vibration

ABSTRACT: The paper deals with the approximate determination of the regions of unstable motion of a circular rotating or nonrotating shaft with uniform mass, moment of inertia, and flexural and torsional rigidity, resting on two bearings treated as simple supports, and loaded by a periodic torque and constant axial force. Three specific stability problems were investigated: that of the nonrotating shaft disregarding the effect of forced torsional vibration, the same problem for the rotating shaft, and the problem of the nonrotating shaft exposed to the effect of torsional vibration. The main difficulty in solving these problems was the

Card 1/2

UDC: 539.433:621.431.3

L 09024-67

ACC NR: AT6033635

impossibility of separating variables due to the special boundary conditions. This difficulty was bypassing in seeking periodic solutions (separation of stability and instability regions) in the form of trigonometric series with coefficients constituting functions of the distance from a bearing without previous variable separation. This led to infinite sets of ordinary differential equations. The method proposed by the author to solve these equations consists of passing over to a set of integral equations and applying the perturbation method for obtaining Green functions. The author thanks Prof. Jaroslaw Naleszkiewicz, Doctor of Engineering, for his interest in the study and his valuable advice. The paper was approved by Prof. Naleszkiewicz. Orig. art. has: 7 figures, 2 tables, and 103 formulas. [Based on author's abstract]

SUB CODE: 12, 13 / SUBM DATE: 00Jun66 / ORIG REF: 003 / SOV REF: 001 /  
OTH REF: 002 /

ROLINSKI, Jozef

DECEASED

1963/3

c' 1962

PHYSICS -

see LIC

379  
S/262/62/000/006/001/021  
I007/I207

16.6.200  
AUTHORS: Rolinsky, V.Yu., Ivanov, V.I.

TITLE: Heat transfer from a smooth cylinder immersed in a free-flowing medium disturbed by infrasonic waves.

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk.42. Silovye ustanki, no. 6, 1962, 23, abstract 426120 (Tr.Nicolayevskogo korablestroit.in-ta, no. 22, 1961, 81-84).

TEXT: The results are reported on theoretical and experimental investigations of the heat transfer conditions in a medium disturbed by infrasonic waves. It is shown that the passage of infrasonic waves through the medium changes the flow about a smooth cylinder [Abstractor's note: immersed in it] and should lead to an increase in the heat transfer by about 30%. There are 2 figures and 8 references.

[Abstractor's note: Complete translation.]

Card 1/1

*Rolinsky, Z.*

Poland/Fitting Out of Laboratories -- Instruments, Their Theory, Construction,  
and Use, H

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1337

Author: Rolinsky, Z.

Institution: None

Title: Electrical Resistance-Strain Gages. The Effect of Differences in  
the Active and Compensating Resistances of the Strain Gage on the  
Accuracy of the Measurements

Original  
Periodical: Prace Inst. mech., 1956, Vol 5, No 16, 54-57 (In Polish with sum-  
maries in English and Russian)

Abstract: A mathematical analysis of the errors introduced by differences in  
the active and compensating resistance of strain gages caused by  
variations in the ambient temperature is given. The magnitude of the  
error depends on the material under test and is greatest for alumini-  
num. In the latter case resistances with minimum tolerances are  
used.

Card 1/1

Roliński, Z.

"Application of Resistance-Wire Strain-Gauges to the Measurement of Stresses and Forces in the Plastic Forming of Metals." Z. Roliński and O. Leszkiewicz (*Prace Inst. Mech.*, 1957, 6, (19), 13-29). — [In Polish]. The principles, construction, and operation of wire strain-gauges are described in detail. The apparatus used for measuring the stresses and forces in the forming operation consists of a Philips Resistance Bridge with tensometer attached and a Philips Cathode Oscilloscope. The gauges are attached along the axis of the punch, and for compensation also  $\perp$  the axis. The axial gauges register compression deformation  $\epsilon_1 = P/FE$ , while the compensating gauges register deformation  $\epsilon_2 = -\mu\epsilon_1$ . This gives the total deformation  $\epsilon = \epsilon_1(1 + \mu)$ , where  $\epsilon$  is the deformation const. for the materials,  $\mu$  is Poisson's ratio,  $E$  Young's modulus,  $P$  axial force on the dynamometer,  $F$  area of cross-section of the dynamometer. The methods of calculation of distance traversed by the punch on the basis of the time scale are also given. 29 ref. — A.W.

ROLINSKI, Z.

Investigation of dynamic courses with the aid of resistance-strain gauges as applied to the measurement of mechanical forces in the machining of materials. p.422  
(POMIARY, AUTOMATYKA, KONTROLA, Vol. 2, No. 11, Nov. 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

10.1260

39051  
S/124/62/000/007/016/027  
D234/D308

AUTHORS: Rolinskiy, V. Yu. and Ivanov, V. I.

TITLE: Method of averaging Reynolds' criterion with inhomogeneous distribution of velocities in space and time

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 7, 1962, 78, abstract 7B532 (Tr. Nikolayevskogo korablestroit. in-ta, 1961, no. 22, 71-75)

TEXT: The authors propose a method of averaging to obtain an average Reynolds' number in conditions of harmonic oscillating motion of the medium, beginning with the condition that the average value to be obtained must be equal to the value of Reynolds' number for stationary flow past bodies securing the same heat flow as in oscillating motion. Averaging over 1/4 of a period one obtains the following expressions:  $R_{eff} = 0.562R_A$ ,  $R_{eff}$  being the corresponding average value and  $R_A$  the amplitude of the actual Reynolds' number.

In the case of the velocity field being inhomogeneous in space the  
Card 1/2

Method of averaging ...

39051  
S/124/62/000/007/016/027  
D234/D308

averaging is made over the length of the cylinder placed in the flow with the same basic assumptions. / Abstracter's note: Complete translation. 7

Card 2/2

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445210005-9

MAYBORODA, A.N., inzh.; ROLINSKIY, V.Yu., kand.tekhn.nauk

Diametrical fans. Sudostroenie 30 no.1:26-27 Ja '64.

(MIRA 17:3)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445210005-9"

ROLINSKIY, V.Yu.

APTEKAR', M.V., inzh.; ROLINSKIY, V.Yu., kand.tekhn.nauk

New series of centrifugal electric fans for general use on ships.  
Sudostroenie 23 no.8:30-32 Ag '57. (MIRA 10:11)  
(Fans, Electric) (Ships--Heating and ventilation)

PETROVSKIY, Nikolay Viktorovich. Prinimeli uchastiye: KAMKIN, S.V., kand. tekhn.nauk; NESTERENKO, N.V., aspirant; OVSYANNIKOV, M.K., kand. tekhn.nauk. KPEL'MAN, T.Ye., dotsent, kand.tekhn.nauk, retsenzent; ROLINSKIY, V.Yu., dotsent, kand.tekhn.nauk, retsenzent; TABACHNIKOV, L.Ia., dotsent, kand.tekhn.nauk, retsenzent; ERINCHEK, A.M., dotsent, kand.tekhn.nauk, retsenzent; GRIBANOV, V.I., kand.tekhn.nauk, nauchnyy red.; APTEKMAN, M.A., red.; PRUMKIN, P.S., tekhn.red.

[Special problems in the theory of marine diesel engines] Spetsial'nye voprosy teorii sudovykh dizelei. Leningrad, Gos.soiuznoe izd-vo sudostroit.promyshl., 1960. 311 p. (MIRA 13:10)  
(Marine diesel engines)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445210005-9

Dissertation: "Processes of Injection into a Reaction Chamber of Jet Apparatus."  
Cand Tech Sci, Kiev Polytechnic Inst, Kiev-Nikolayev, 1954.  
Referativnyy Zhurnal--Mekhanika, Moscow, May 54.

SO: 1 Sch. 284, 26 Nov 1954

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445210005-9"

24,5200

S/124/62/000/004/017/030  
D251/D301

AUTHORS: Rolinskiy, V. Yu. and Ivanov, V. I.

TITLE: The heat-exchange of a smooth cylinder in conditions of free motion in a medium with subsonic perturbances

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 4, 1962, 89, abstract 4B587 (Tr. Nikolayevskogo korablestroit. in-ta, 1961, no. 22, 81-84)

TEXT: The heat-exchange is studied of a heated cylinder in a medium subjected to the action of subsonic vibration. On the basis of the experimental data of two investigations, the authors find the experimental dependence relationship  $N = 0.776 R^{0.5}$ , which indicates that the scoring of the medium intensifies the process of heat-exchange approximately by 30%. The experimental data obtained by the authors indicate a satisfactory correspondence with the above-mentioned formula. 8 references. /-Abstracter's note: Complete translation. 7

Card 1/1

s/081/62/000/003/084/090  
B158/B101

AUTHORS: Kalewicz, Zdzisław, Rolíński, Zygmunt

TITLE: Investigation of adhesives and protective materials for tensometers

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1962, 570, abstract 3P120 (Prace Inst. mech. precyzyjnej, v. 8, no. 30, 1960, 1-16)

TEXT: An adhesive, type MA 22 is prepared on a polystyrene resin base. Investigations (of moisture resistance, heat resistance, creep, etc.) have shown that the adhesive satisfies requirements for strain gauge adhesives and is better, particularly as regards water resistance, than the nitrocellulose adhesives previously used for this purpose. Service tests on the adhesive have shown that it can be used for prolonged strain gauge measurements under variable atmospheric conditions at an ambient temperature of  $\leq 40^{\circ}$  and for short duration measurements at a temperature of  $\leq 55^{\circ}$ . It is noted that the authors have developed a lubricant, type LKR, for protection of strain gauges against environmental effects.

Card 1/2

Investigation of adhesives ...

S/081/62/000/003/084/090  
B158/B101

[Abstracter's note: Complete translation.]

✓

Card 2/2

ROLITSKAYA;

POLAND/ Microbiology, Antibiosis and Symbiosis. F-2  
Antibiotics

Abs Jour: Ref Zhur - Biol., No 6, 1958, 24140

Author : Rolitskaya, Mikhna-Bednarek

Inst : Not given

Title : Changes in Properties of Shigella, Salmonella and  
Escherichia Bacilli Species as Influenced by Strep-  
tomyacin.

Orig Pub: Zesz. nauk. Univ. lodzk., 1956, Ser. 2, No 2, 27-36

Abstract: By a series of transfers of 40 gram-negative strains  
of bacteria in a broth with increasing concentrations  
of streptomycin, variants were obtained resistant  
to this antibiotic. The gradual increase in re-  
sistance in the process of transfer and the modi-  
fication of biochemical properties at the moment of  
a marked rise in resistance, in the authors' opinion,

Card 1/2

resistant variants --  
to the decreased quantity of O-antigen.

Card 2/2

ROLKE, H.

15  
31  
V 5838. HOT PREPARATION OF CERAMIC BODIES USING WASTE OR SPARE SOURCES  
OF HEAT OR RAW BROWN COAL. Rolke, H. (Silikattechnik, 1957, vol. 8, 53).  
The plant consists of a dry shaft mixer and a wet mixer, both forming a part  
of an air-tight system. Hot gases (flue gases, waste heat from kilns, or  
produced by combustion of raw brown coal or producer gas) are drawn counter  
to the extrusion. The brick machine is adjacent to the wet mixer. The  
crushed dry material is fed into the dry mixer and preheated there by hot  
gases to 70-80°. In the wet mixer hot water is introduced. Hot gases heat  
this mixture to 100°. The steam thus formed has the same effect on the clay 15  
as in normal steam preparation. The mixing water is preheated by the same  
gases at 200° and has a temperature of 75° at the entry to 65 to 75° at the  
exit for this mixer.  
*JG*  
B. Ceram. R.A.

ROLL, E., dr.; FLEISCHER, H., ing.

Covering of polyacrylonitrile fibers existing in fabrics,  
wool and half-woolen rags, in a percentage under 25%.  
Ind text Rum 13 no.12:511-515 D '62.

1. Fabrica de postav "Partizanul rosu", Brasov.